

NOMINATION FOR AWARD		
AWARD General Thomas D. White Environmental Quality Award	CATEGORY (If Applicable) Industrial	AWARD PERIOD 1 Oct 00 - 30 Sep 02
RANK/NAME OF NOMINEE (First, Middle Initial, Last)	SSN (Enter Last 4 Only)	MAJCOM, FOA, OR DRU AFMC
DAFSC/DUTY TITLE	NOMINEE'S TELEPHONE (DSN & Commercial)	
UNIT/OFFICE SYMBOL/STREET ADDRESS/BASE/STATE/ZIP CODE OC-ALC/EM, 7701 Arnold Street, Suite 204, Tinker AFB OK, 73145		
RANK/NAME OF UNIT COMMANDER (First, Middle Initial, Last)/COMMANDER'S TELEPHONE (DSN & Commercial) GS-15, Vicki L. Preacher DSN 884-4111 (405) 734-4111		
SPECIFIC ACCOMPLISHMENTS (Use single-spaced, bullet format)		
<p>COMPLYING WITH NEPA AND OTHER ENVIRONMENTAL DIRECTIVES:</p> <ul style="list-style-type: none"> - Accomplished 4500 Environmental Impact Analysis Process requests--average process time 5 days! - Completed 20 Environmental Assessments/Environmental Baseline Surveys, 99 AF Forms 813, 4356 AF Forms 332, 100 AF Forms 299, 8 DD Forms 1391 and 1 EIS--met all customer dates - Key support for Pratt-Whitney enabled them to relocate critical engine mission to base! - Created database for AF Form 813 paperless processing--positive Environmental Compliance Assessment Management Program (ECAMP) finding; cut processing time, made user friendly! - Spearheaded effort to digitally obtain 3-D high resolution map of Tinker and surrounding area versus gathering data manually--saved over \$200K--located air emission stacks for evaluation of new actions - Creative--convinced the State Historic Preservation Office to let Tinker demolish an unsafe historical facility in exchange for installing an historic interpretive display documenting Tinker's historical sites! <p>IMPLEMENTING REQUIRED ENVIRONMENTAL PROTECTION PLANS:</p> <ul style="list-style-type: none"> - Proactively incorporated Notice of Intent and stormwater pollution prevention planning into base-wide contractor digging permit applications--extending environmental awareness into worksites! - Aggressively worked with base HazMat users to ensure storage levels were established and maintained below the regulatory trigger levels that require a Clean Air Act Risk Management plan. - Saved the base over \$200K/year in plan development and implementation costs--Foresight! - Expertly authored 5-year update of Integrated Natural Resources Management Plan to address stewardship of the base's 3 creeks, 15 ponds, 280 plus plants and 220 species of fish and wildlife <p>INTEGRATING ENVIRONMENTAL POLICIES INTO INSTALLATION DECISION MAKING:</p> <ul style="list-style-type: none"> - Implemented comprehensive web-based environmental management system containing all AF and base environmental policies, plans, procedures and checklists--customers and staff now have one-stop shopping for all environmental guidance documents--used extensively - Created awareness brochures and fact sheets and contacted over 8,000 base employees during Earth Day activities--took environmental awareness into the workplace, set up displays in Bldg. 3001! - Integrated electronic 3-D visualization of air emission data into base decision making--can now instantaneously predict impact of mission changes and ensure compliance--first of its kind in DoD! <p>ELIMINATING ENVIRONMENTAL VIOLATIONS:</p> <ul style="list-style-type: none"> - Implemented aggressive HazWaste management program--emphasizes responsibility at all levels - 11th straight year with no Notices of Violation for HazWaste (HW)! Glowing comments by State! - Proactive! Utilized AFCEE expertise for staff assistance visits on solid waste, National Environmental Policy Act (NEPA), internal ECAMP, and natural resources--corrected deficiencies - Avoided mission impacts by partnering with CE to improve wellhead protection and sanitary and storm sewer infrastructure, reducing environmental vulnerabilities - Identified reduction/elimination of environmental vulnerabilities as an EM Strat Plan goal--developed detailed compliance inspection checklists for most media areas--conducted over 50 inspections! - Labeled over 500 storm drains to increase awareness of restrictions on releases to storm drains - Received help from 50 unit environmental coordinators (UECs)--partnering for prevention! <p>IDENTIFYING AND CORRECTING PROGRAM DEFICIENCIES:</p> <ul style="list-style-type: none"> - Ozone depleting chemical (ODC) discrepancies--notified Environmental Protection Agency (EPA) - Aggressive actions taken to train base contractors and government workers on ODC policies and procedures with immediate turn-around in program direction--all discrepancies eliminated! - Staff's research efforts validated boiler compliance--successfully averted \$90K in EPA fines <p>CLEANING UP CONTAMINATED SITES:</p> <ul style="list-style-type: none"> - 58 of 68 (85%) of solid waste management units (SWMUs) have been closed and removed from current Resource Conservation and Recovery Act (RCRA) permit - Treated 560M gallons of contaminated groundwater--reuse saved over \$50K/year in water costs 		

NOMINATION FOR AWARD (Continued)

RANK/NAME OF NOMINEE (First, Middle Initial, Last)

SPECIFIC ACCOMPLISHMENTS (Use single-spaced, bullet format) (Continued)

- Implemented innovative approaches to facilitate expedited cleanup actions
 - Reflective Seismology located shallow subsurface plumes of dense non-aqueous phase liquids (DNAPLs)--precisely located best extraction points

MINIMIZING HAZARDOUS WASTE:

- Eliminated waste stream by recycling over 90,000 rags during surface prep--\$100K savings/year
- Initiated state of the art antifreeze recycling system; 10,000 gal. recycled/yr--\$110K annual savings
- Significantly reduced the #1 HW stream, Industrial Waste Treatment Plant sludge, by over 30 percent (600 tons) through improved sludge management techniques--Effective! Saves \$100K/year
- Expanded the capability of existing automated high pressure water system to strip aircraft components, significantly reducing chemical strippers & labor hours--estimated \$300K/year saved
- Robotic manifold cleaning eliminates 100,000 lbs/year of solvent wastes--saves over \$200K/year!

PREVENTING POLLUTION:

- Unparalleled reduction of toxic release inventory emissions--1.3 million pounds, 81%, reduction total as of 2002 and still improving--exceeded Executive Order by over 30%, 3 years early--best in DoD!
- Orchestrated base-wide household hazardous waste collection/exchange day for housing residents; diverted disposal of over 2 tons of hazardous materials! Partnered with CE for success!
- Eagle Look report called Tinker the DoD leader for Alternative Fuels program! Largest AF Alternative Fuel Vehicles program, with 200 CNG vehicles--75% of base fleet
- Partnered with Clean Cities to test and implement twelve neighborhood electric vehicles
 - Eliminated 12 tons of Hazardous Air Pollutants/year--state recognition as leader in alternative fuels!
- Transitioned all diesel burning vehicles to B/20 biodiesel prior to Farm Bill signing--Visionary!
 - Reduced emissions of hydrocarbons over 20 tons/year

ENCOURAGING RECYCLING:

- Revitalized base-wide solid waste program issuing policy letters for military family housing (MFH) and industrial complex to aggressively promote recycling program--added over 900 recycling containers to base offices and replaced over 500 missing MFH containers to increased recycling
- Base grass clippings are reused as compost to further breakdown soil contaminated with low-level fuels--saves over \$5K/year and provides 10 tons/year of compost for base uses
- First in AF to build a recycled super playground with labor donated by the AF Reserves
- Sponsored numerous America Recycles Day events--handouts distributed by Recyloman, the base mascot, displays in Building 3001, can crushing and poem contest for Tinker Elementary

ENHANCING THE ENVIRONMENT:

- Created extensive Urban Greenway with wildlife viewing areas, interpretive stations, jogging trails and pavilions with recycled furniture--excellent for base quality of life!
- Tree City USA Award 9 years running--planted over 2,000 trees on base
 - Held Arbor Day celebration--assisted Boy Scout troops in earning merit badges; troops helped with tree planting, installing trails and other conservation projects--Enhancing the environment!
- Tinker AFB employs two laborers to maintain greenway, tree farm, and to vegetate with native plants
- Conducted survey of rare plant, Penstemon, found only in Oklahoma--documented species is on base

ESTABLISHING GOOD RELATIONSHIPS WITH OTHER AGENCIES AND COMMUNITY:

- Tinker's annual fishing clinic brought 35 special needs children, 2nd grade through high school, to visit and enjoy our well stocked ponds--great success and fun!
- Hosted ODEQ's Eco-Motion bus for Earth Month--a traveling environmental training center
 - 100 disadvantaged school children increased their environmental awareness--Investing in the future!
- Hosted several Oklahoma Military Environmental Group (OMEG) conferences to bring together military bases and state/federal regulators to discuss issues and legislation--Successful partnering!

CONDUCTING ENVIRONMENTAL TRAINING AND AWARENESS PROGRAMS:

- Expanded environmental training program includes variety of innovative methods--targets changing demographics of workforce--emphasizes delivery to workplace--reduces down time, travel costs
- Web-based training includes self-paced modules in Pollution Prevention, Air Quality, and Solid Waste management--enlivened with graphics and animation--convenient for worker--supports mission
- Stereoscopic 3-D training for technical topics creates virtual training environment--Learning is fun!
- Mobile laptop-based, media-rich training maximizes animation, sound and interactivity--Motivating!
- Trained UECs and other base employees--arranged for three Air Force Institute of Technology satellite courses, environmental training to new supervisors, and level 1 HW training--Great success!